

a carbon region made of one of carbon and a carbon compound provided on at least one of a top, bottom and inside of said island region; and

Contd
A1

a metal thin film electrode formed on said insulating layer, wherein electrons are emitted upon application of an electric field between said electron source layer and said metal thin film electrode.

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A2

[Please add new claims 47-50 to read as follows:]

47. (New) An electron-emitting device as claimed in claim 1, wherein said island region defines a concave recess portion.
48. (New) An electron-emitting device as claimed in claim 1, wherein at least one of said carbon region and said metal thin film electron has a film thickness that is gradually reduced in the island region.
49. (New) A display as claimed in claim 1, wherein said island region defines a concave recess portion.
50. (New) A display as claimed in claim 1, wherein at least one of said carbon region and said metal thin film electron has a film thickness that is gradually reduced in the island region.